

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(antenna and (joint adj (search\$3 or search\$2 or combin\$3)) and (channel adj estimat\$2) and (matrix) and (dimensional adj3 differentiation adj3 index) and (time-of-arrival) and (channel adj coefficient) and analyz\$5 and (dimensional adj reception adj vector)).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 10:32
L3	21	"343"/\$.ccls. and (differential adj antenna)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:34
L5	10807	(antenna) and multipath same signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:35
L6	4184	455/272-279.1,562.1,575.7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:35
L7	2842	(mobile with antenna) and multipath same signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:35
L9	368	L6 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:36
L10	4	L9 and (search\$3 or search\$2) same ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and ((channel adj estimator) or estimat\$3 or estimat\$2) same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:36
L12	26	6 and (search\$3 or search\$2) same ((time adj of adj arrival) or (TOA) or (time-of-arrival) or time) and ((channel adj estimator) or estimat\$3 or estimat\$2) same (coefficient or (channel adj coefficient))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:38
S1	17	"343"/\$.ccls. and (differential adj antenna)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:34

## EAST Search History

S2	5	"20030067970" "6731622" .pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 20:09
S3	3474	455/272-279.1,562.1,575.7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:34
S5	2323	(mobile with antenna) and multipath same signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:35
S6	302	S3 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:35
S7	4	S6 and (search\$3 or search\$2) same ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and ((channel adj estimator) or estimat\$3 or estimat\$2) same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:36
S11	3	S6 and ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and (channel adj coefficient)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/27 20:15
S12	3480	455/272-279.1,562.1,575.7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:09
S13	2327	(mobile with antenna) and multipath same signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:32
S14	304	S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:09
S15	3	S14 and ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and channel adj coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:34
S16	7	S14 and ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and ((channel adj estimator) or estimat\$3 or estimat\$2) same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:09

## EAST Search History

S17	8	S14 and ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and channel same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:18
S18	8	(mobile with antenna) and multipath same signal and (search\$3 or search\$2) same ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and ((channel adj estimator) or estimat\$3 or estimat\$2) same coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:32
S19	4789	375/144,145-152,130,140.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:32
S20	986	S19 and ((mobile or wireless or receiver or portable) with antenna) and multipath same signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:33
S21	1	S20 and ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and channel adj coefficient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:34
S22	1	S20 and ((time adj of adj arrival) or (TOA) or (time-of-arrival)) and (channel adj coefficient)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/28 10:36
S23	7	S14 and (search\$3 or search\$2) same ((time adj of adj arrival) or (TOA) or (time-of-arrival) or time) and ((channel adj estimator) or estimat\$3 or estimat\$2) same (coefficient or (channel adj coefficient))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:37
S24	48	S20 and (search\$3 or search\$2) same ((time adj of adj arrival) or (TOA) or (time-of-arrival) or time) and ((channel adj estimator) or estimat\$3 or estimat\$2) same (coefficient or (channel adj coefficient))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:37
S25	6	("2003/0012267").URPN.	USPAT	OR	ON	2006/12/13 16:41
S26	8	("20020187814"   "20030012267"   "20030210670"   "20030220082"   "20030228887"   "20040174300"   "6670919"   "6683924").PN. OR ("6985106").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:13

## EAST Search History

S27	4	"0866509"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/08 16:14
S28	1	"0866509".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/08 16:14
S29	0	receiv\$2 and antenna and (joint adj searcher) and (channel adj estimator) and (antenna adj matrix) and (dimensional adj differentiation adj index) and determin\$3 and (time-of-arrival) and (channel adj coefficient) and analyzer and generate and consider and (dimensional adj reception adj vector).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 10:29
S30	0	receiv\$2 and antenna and (joint adj searcher) and (channel adj estimator) and (antenna adj matrix) and (dimensional adj differentiation adj index) and determin\$3 and (time-of-arrival) and (channel adj coefficient) and analyzer and generate and (dimensional adj reception adj vector).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 11:21